



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

Research and
Special Programs
Administration

JAN 13 2005

DOT-E 11348
(SEVENTH REVISION)

EXPIRATION DATE: December 31, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Engelhard Corporation
Carteret, NJ
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of Ammonium perrhenate (solid), classed as Division 5.1 under the proper shipping name Oxidizing solid, n.o.s., UN1479. This exemption also authorizes the transportation of rhenium metal and metal alloys containing rhenium. Since the rhenium in these materials is of extremely low radiological hazard, the materials may be transported in commerce without meeting the marking and shipping paper requirements for Radioactive material, excepted package-limited quantity of material, UN2910. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.4(b), 173.421(a)(2), 173.421(a)(3), 173.421(a)(4), and 173.423(b).

JAN 13 2005

5. BASIS: This exemption is based on the application of Engelhard Corporation dated December 15, 2004, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Oxidizing solid, n.o.s. (Ammonium perrhenate)	5.1	UN1479	II, or III
Radioactive material, excepted package-limited quantity of material	7	UN2910	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING -

(1) For Ammonium perrhenate, the packaging requirements prescribed in the § 172.101 Table for oxidizing solid, n.o.s., UN1479 must be met.

(2) For rhenium metal alloys or metal containing rhenium, the packages must be strong tight packages that will not release their contents under conditions normally expected in transportation.

b. SHIPPING PAPERS -

(1) For Ammonium perrhenate, the requirement in § 173.423(b) to indicate "Limited quantity radioactive material" on shipping papers is waived.

(2) For rhenium metal alloys or metal containing rhenium, the requirements in § 173.421(a)(1) through (a)(4) are waived.

c. MARKING -

(1) The requirement in § 173.421(a)(4) is waived.

(2) The outside of each package must be plainly and durably marked "DOT-E 11348" in letters at least 6 mm (0.24") tall.

JAN 13 20058. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modification or change is made to the package or its contents and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, cargo aircraft only, and passenger-carrying aircraft.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel, aircraft, or motor vehicle used to transport packages covered by this exemption. The shipper must furnish a current copy of this exemption to the air carrier before or at the time the shipment is tendered.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

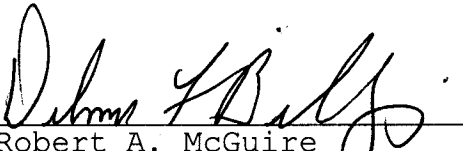
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.106 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENT: Shipments or operations conducted under this exemption are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this exemption must notify the Associate Administrator for Hazardous Materials Safety -- OHMEA, in writing, of any incident involving a package, shipment or operation conducted under terms of this exemption.

Issued in Washington, D.C.:



for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

JAN 13 2005

DATE

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: AM